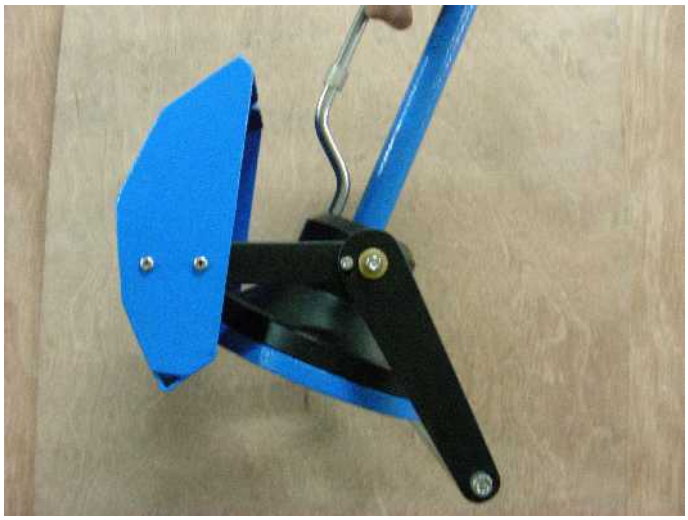
LUMETRON®

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LUMETRON RP-20x34 Spray Heads for Environmental Tests



The **LUMETRON RP-20x34** *Hand Held Spray Nozzle* from LUMETRONICS is designed and manufactured to determine the extent of protection provided by an enclosure against ingress of water and verified by a standardized test method as described in IEC 60529 "Degrees of protection provided by enclosures (IP Codes)".

The *Hand Held Spray Nozzle* is especially used to test Electrical Appliances, Luminaires, Electrical Accessories, Enclosures etc. The *Hand Held Spray Nozzle* is designed to meet the testing norms of many common international (IEC, BS, DIN, etc.) as well as national standard specifications.

The Lumetron RP-20x34 allows water ingress protection tests to verify the following degrees of protection in enclosures :

- IP-x3 : Spraying
- IP-x4 : Splashing

The splash guard is replaceable, and allows testing as per either IPx3 or IPx4 requirements. An optional Flow Meter can be provided with the unit to monitor flow rate. It is provided with a quick connect coupling, and a hose pipe from a suitable water supply source can be connected to the barb end.

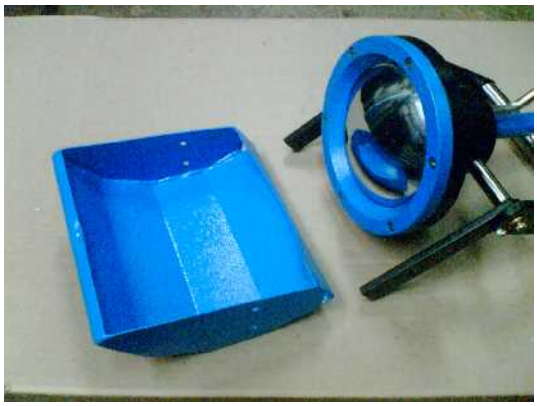
FEATURES

- Environmental test system for determination of IP protection classes in electro-technical equipment such as Enclosures, Luminaires, Electrical Appliances, Electrical Accessories etc.
- Precision-engineered test system manufactured according to the relevant standards.
- Able to conduct water ingress protection tests for IP-x3 and IP-x4
- Removable splash guard on the hand held spray nozzle to allow testing for either IP-x3 or IP-x4.
- Easy adjustment of water Flow rate by control valve.
- Precision digital flow meter for accurate indication of the water flow rate during the test.

The Lumetron RP-20x56N is able to perform tests for degrees of protection against water indicated by the following second characteristic numerals :

Second Characteristic numeral	*Degree of Protection*	
	Brief description	*Definition*
3	Protected against spraying water	Water sprayed at an angle up to 60° on either side of the vertical shall have no harmful effects.
4	Protected against splashing water	Water sprayed against the enclosure from any direction shall have no harmful effects.

Second Characteristic numeral	*Test means*	*Water flow rate*	*Duration of test*
3	Spray nozzle, spray ±60° from vertical	10 liters/minute, ±5%	1min/m^2 at least 5 minutes
4	As for numeral 3 spray ±180° from vertical	As for numeral 3	As for numeral 3





on the web @ lumetron.com

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